

10/501983

Docket No: 740819-1077

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re New National Phase Patent Application of)
Masatoshi TANAKA et al.)
International Application No. PCT/JP03/00617) Attn: US/DO/EO
International Application Filed: January 23, 2003)
For: POLARIZATION-MAINTAINING)
PHOTONIC CRYSTAL FIBER) Date: July 21, 2004

INFORMATION DISCLOSURE STATEMENT

U.S. Patent and Trademark Office
220 20th Street, South
Customer Window, Mail Stop Patent Application
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	New Application
				Filing Date	July 21, 2004
				First Named Inventor	Masatoshi TANAKA et al.
				Art Unit	
Examiner Name					
Sheet	1	of	1	Attorney Docket Number	740819-1077

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 59-019902	02/01/1984	Akiyama et al.		Abstract
		JP 60-264341	12/27/1985	Suzuki		Abstract
		JP 63-006507	01/12/1988	Suganuma et al.		Abstract

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		K. Suzuki et al. "High-speed bi-directional polarization division multiplexed optical transmission in ultra low-loss (1.3dB/km) polarization-maintaining photonic crystal fibre", ELECTRONICS LETTERS, November 8, 2001, Vol. 37, No. 23, pp. 1399-1401.	
		S. Libori et al., "High-birefringent photonic crystal fiber", Optical Fiber Communication Conference and Exhibit 2001, (US), 2001, Vol. 2, TuM2.	
		M. Steel et al., "Polarization and Dispersive Properties of Elliptical-Hole Photonic Crystal Fibers", Journal of Lightwave Technology, (US), April 2001, Vol. 19, No. 4, pp. 495-503.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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